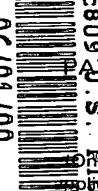
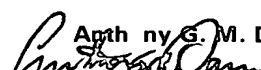



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Approved through 09/30/00. OMB 0651-0032
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 00/10/99 0609 U.S. TRANSMITTAL	UTILITY	Attorney Docket No.	GEMVAL P15AUS
	PATENT APPLICATION	First Named Inventor or Appln Identified: Roger MASSEY	
	TRANSMITTAL	Title: BAR-STOCK BALL VALVE	
	Only for new nonprovisional applications under CFR 1.53(b)	Express Mail Label No.	EL347242396US
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent appln. contents.		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<p>1. <input type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Specification (Total Pages) [10] (preferred arrangement set forth below)</p> <ul style="list-style-type: none">• Descriptive title of the invention• Cross References to Related Applications• Statement Regarding Fed sponsored R & D• Reference to Microfiche Appendix• Background of the Invention• Brief Summary of the Invention <p>• Brief Description of the Drawings (if filed)</p> <ul style="list-style-type: none">• Detailed Description• Claim(s)• Abstract of the Disclosure <p>3. <input type="checkbox"/> Drawings (35 USC 113) (Total Pages) [3]</p> <p>4. <input type="checkbox"/> Oath or Declaration (Total Pages) [2]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) (Note Box 5 below)</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>		<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>	
ACCOMPANYING APPLICATION PARTS			
<p>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Statement filed in prior application, Status still proper and desired.</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Other: Express Mail Certificate-1 pg.;</p>			
<p>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-Part (CIP) of prior application No.: /</p>			
18. CORRESPONDENCE ADDRESS			
<p><input type="checkbox"/> Customer Number: 020210</p> <p>Name: DAVIS AND BUJOLD 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America</p> <p>Name: Anthony G. M. Davis Signature: </p>		<p>PATENT & TRADEMARK OFFICE</p>  020210	<p><input type="checkbox"/> Correspondence address below</p> <p>Telephone: 603/624-9220 Telefax: 603/624-9229 E-Mail: patent@tiac.net</p> <p>Registration No.: 27,868 Date: June 1, 2000</p>

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : **Rog r MASSEY**

Serial No.:

Group No.:

Filed:

Examiner:

For: **BAR-STOCK BALL VALVE**

Assistant Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

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Date of Deposit: June 1, 2000

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Declaration & Power of Atty-2 pgs.;
Assignment & Cover-2 pgs.;
Verified Statement Claiming Small Entity Status-3 pgs.

is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Anthony G. M. D.

Anthony G. M. Davis

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FEE TRANSMITTAL		Complete if Known																																																																																																																																																																					
for FY 2000 Patent fees are subject to annual revision Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.		Application No. Filing Date First Named Inventor Group Art Unit Examiner Name		Roger MASSEY																																																																																																																																																																			
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ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Small Fee Code</th> <th style="text-align: left;">Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge-late filing fee/oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for re-examination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Ext.for reply w/in 1 mon</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Ext.for reply w/in 2 mon</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Ext.for reply w/in 3 mon</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Ext.for reply w/in 4 mon</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Ext.for reply w/in 5 mon</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a Brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (for reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petition related to provisional applns.</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Info.Disclo.Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording ea. patent assignment per property (times No.of properties)</td><td style="text-align: right;">\$40</td></tr> <tr><td>146</td><td>760</td><td>246</td><td>380</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For ea.additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge-late filing fee/oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for re-examination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Ext.for reply w/in 1 mon		116	380	216	190	Ext.for reply w/in 2 mon		117	870	217	435	Ext.for reply w/in 3 mon		118	1,360	218	680	Ext.for reply w/in 4 mon		128	1,850	228	925	Ext.for reply w/in 5 mon		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a Brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (for reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petition related to provisional applns.		126	240	126	240	Submission of Info.Disclo.Stmt.		581	40	581	40	Recording ea. patent assignment per property (times No.of properties)	\$40	146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))		149	690	249	345	For ea.additional invention to be examined (37 CFR 1.129(b))	
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